



GPI AUTOMOTIVE P/L

SAFETY DATA SHEET

Dent Fix Body Filler 4kg

Section 1. Identification

Product identifier	Dent Fix
Product code	8DF
Recommended use	Premium lightweight body filler.
Manufacturer	Fibre Glass Evercoat a division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, Ohio USA Tel. 513 489 7600
Importer / Supplier	GPI Automotive Products Pty. Ltd. 275 Wellington Road Mulgrave, Victoria 3170 Australia Tel. 03 8541 7500, Fax. 03 9562 0789
EMERGENCY TELEPHONE NUMBER	Poisons Information Centre (Australia) Tel. 13 11 26

Section 2. Hazards Identification

Classification	FLAMMABLE LIQUID – Category 3
<u>GHS Label Elements</u>	
Signal word	WARNING
Hazard statements	
Physical	H226: Flammable liquid and vapour.
Health	H332: Harmful if inhaled. H315: Causes skin irritation. H320: Causes eye irritation.
Precautionary statements	
General	P102: Keep out of reach of children. P103: Read label before use.
Prevention	P260: Do not breathe dust/fume/gas/mist/vapours/spray. P271: Use only outdoors or in a well-ventilated area.
Symbol	



Section 3. Composition / Information on Ingredients

Substance/mixture

Mixture

Ingredient name	CAS Number	Proportion (%)
Polyester resin (non-hazardous)	Proprietary	25 – 30
Talc	14807-96-6	20 – 25
Styrene	100-42-5	15 – 20
Calcium carbonate	1317-65-3	10 – 15
Magnesite	546-93-0	5 – 10
Quartz (crystalline silica)	14808-60-7	5 – 10
Inert filler	Proprietary	0 – 2

There are no additional ingredients present, within the current knowledge of the supplier and in the concentrations applicable, which are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

Section 4. First Aid Measures

Description of necessary first aid measures

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel.

Ingestion

Consult a physician or Poisons Information Centre immediately. DO NOT INDUCE VOMITING. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended.

Skin contact

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before re-use.

Eye contact

Flush eyes gently with water for at least 15 minutes. Seek immediate medical attention.

Medical attention and special treatment

Specific treatments

Not available.

Notes to physician

Not available.

Protection of first aiders

Not available.

Section 5. Fire Fighting Measures

Extinguishing media

Suitable

Foam, carbon dioxide, dry chemical.

Not suitable

Not available.

Specific hazards arising from the chemical

May form toxic and corrosive gases: carbon monoxide, carbon dioxide, styrene oxide and various hydrocarbons.

Fire and explosion hazards

⦿ Vapours are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources distant from the material handling point.

Special protective equipment and precautions for fire fighters

Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus (NOHSC-approved) with a full facepiece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate the area. Wear proper protective equipment (see section 8). Avoid breathing vapours.

Environmental precautions

Not available.

Methods and materials for containment and cleaning up

Small spill

Collect with an inert absorbent and dispose of properly.

Large spill

Collect with an inert absorbent and dispose of properly.

Section 7. Handling and Storage

Precautions for safe handling

All hazard precautions given in the SDS must be observed. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not breathe sanding dust, vapours or spray mist. Do not take internally. Close container after each use. Keep out of reach of children.

Conditions for safe storage

Store material in a cool, well-ventilated area. For maximum product quality, avoid prolonged storage at temperatures above 25°C (75°F). Do not use or store near heat, sparks or open flame. Keep container tightly closed. Avoid contact with incompatible materials (see section 10).

Section 8. Exposure Controls / Personal Protection

Control parameters

Ingredient name	Exposure limits
Talc	TWA: 2.5 mg/m ³
Styrene	TWA: 213 mg/m ³
Calcium carbonate	TWA: 10 mg/m ³
Magnesite	TWA: 10 mg/m ³
Inert filler	TWA: 5 mg/m ³
Quartz (crystalline silica)	TWA: 5 mg/m ³

Recommended monitoring procedures

☉ If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate engineering controls

Provide sufficient mechanical (general and/or exhaust) ventilation to maintain exposure below acceptable limits. Explosion-proof ventilation system is acceptable.

Environmental exposure controls

☉ Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubber, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before re-using. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye and face protection

Chemical splash goggles.

Skin protection

Protective gloves should be made of neoprene or natural rubber. A barrier cream may be used for additional protection. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory protection

Use an approved respirator designed to remove particulate matter and organic solvent vapours.

Thermal hazards

Not available.

Section 9. Physical and Chemical Properties

General information

Appearance	Yellow paste.
Odour	Sharp aromatic odour.

Important health, safety and environmental information

Odour threshold	Not available.
pH	Neutral.
Melting point	-30.6°C [-23.1°F] (styrene)
Boiling point	145°C [293°F] (styrene)
Flash point	Not available.
Evaporation rate	Slower than ethyl ether.
Flammability	Flammable Liquid – Category 3.
Upper/lower explosive limits	Not available.
Vapour pressure	5.0 mmHg @ 20°C [68°F] (styrene)
Vapour density	Heavier than air.
Relative density	1.17 t/m ³
Solubility	Insoluble in water.
Partition coefficient: n-octanol/water	Unknown.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
% volatile	15 – 20%

Section 10. Stability and Reactivity

Chemical stability	Stable under normal handling conditions.
Possibility of hazardous reactions	Product will not undergo hazardous polymerisation.
Conditions to avoid	No specific data.
Incompatible materials	Peroxides, strong acids, strong oxidising agents, polymerisation catalysts.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, styrene oxide, various hydrocarbons.

Section 11: Toxicological Information

Information on possible routes of exposure

Inhalation	Ingestion	Skin contact	Eye contact
Likely.	Unlikely.	Likely.	Unlikely.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	Excessive inhalation of vapours may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache, and dizziness. Symptoms usually occur at air concentrations higher than the recommended exposure limits (see section 8).
Ingestion	Ingestion of this material may cause gastrointestinal irritation, nausea, diarrhoea, and vomiting. Aspiration of this material into the lungs due to vomiting may produce chemical pneumonitis which can be fatal.
Skin	May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin, and skin burns.
Eyes	Contact with liquid or vapour may result in irritation, redness, tearing, and blurred vision.

Numerical measures of toxicity

Acute toxicity	Styrene: LD ₅₀ (oral-rat) – 5000 mg/kg Styrene: LC ₅₀ (inhalation-rat) – 24 g/m ³ /24hr Calcium carbonate: LD ₅₀ (oral-rat) – 6450 mg/kg
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Immediate, delayed and chronic health effects from exposure

Carcinogenicity	<p>☉ Excessive overexposure to styrene has been found to cause the following effects in humans and may aggravate pre-existing disorders of the organs: central nervous system effects, effects on hearing, mild effects on colour vision and respiratory tract damage.</p> <p>Styrene is listed by the IARC as a Group 2B carcinogen (possibly carcinogenic to humans). This classification is not based on evidence that styrene may be carcinogenic, but rather on a revised definition for Group 2B, and consideration of new data on styrene oxide (Group 2A).</p> <p>This material may contain trace amounts of chemicals considered to be carcinogenic (1,3-butadiene – IARC Group 2A).</p>
Other information	Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain damage and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Section 12: Ecological Information

Ecotoxicity	Styrene is toxic to aquatic organisms and should not be released to sewage, drainage systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.
Persistence and degradability	Styrene is readily biodegradable in aerobic conditions. The other components of this product are not biodegradable. However, they are practically non-toxic to aquatic species or in soils and may be safely disposed of in landfill.
Bioaccumulative potential	None of the components of this product are expected to bioaccumulate.
Mobility in soil	Not available.
Other adverse effects	Not available.

Section 13: Disposal Considerations

Disposal methods	This product may only be disposed of in a suitable chemical dump (check the local statutory requirements). Sanding dusts may be disposed of in approved landfills.
Disposal of any contaminated packaging	☉ Dispose of in accordance with applicable federal, state, and local regulations.
Environmental regulations	Not available.

Section 14: Transport Information

Regulatory information	UN number	Proper shipping name	DG class	Packing group	Hazchem code
ADG Code	1133	Polyester resin kit	3	III	3Y

Environmental hazards	Not available.
Special precautions during transport	Not available.

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product in question

Australian inventory (AICS)	To the best of the manufacturer's knowledge, all components of this product are listed in the AICS.
Poisons schedule number (SUSDP)	S5

Section 16: Other Information

History

Date of issue/Date of revision	03/06/2013
Date of previous issue	12/09/2012
Prepared by	GPI Group Assistant Stock Controller

⦿ Indicates information that has changed from previously issued version.

Notice to reader

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